

1900

April 7 - June 2

Texas

Vernon Bailey

Field Notes

1900

Vol. I

Washington D.C.

Biological Survey

Conte, Webb & Co. St. L.

April 7. 1908

Washington D.C. 10.55 AM
Maples in flower, no green
on trees,
Harpers Ferry

Martinsburg
Cumberland
Deer Park

Cincinnati - after dark

April 8

Washington, Ind.

St. Louis L. 2.21 P.M.
South over Iron Mountain R.R.
Peach & plum trees in flower,
a trace of green on trees.
Along river shore.
Bismark Mo.

Poplar Bluff - dark

April 9

Exarkana daylight
Two green dogwood in flower
Blackberry in flower
Phlox " "
Oak, hickory, gum
willows, & pines
Scrub forest

Marshall

Liquidambar abn.
Platanus "
Cireus, in flower "
Cornus florida, in flower "
Baptisia, not in flower "
Podophyllum
Populus

Red sandy soil

Sabine River

Long View

Sabine River

Sabal

lime & fossil rocks
Opuntia vulgaris, a few
Berberis - red flowers

Troispet

Yucca angustifolia, a few

Palatine 2 P.M.

Zilluzia, abn. on
Trinity River, first

Quercus phellos

" nigra

" falcata?

" cochinea?

Phaselia in flower

Sisyrinchium "

Tridacantha "

Cimicifuga ? "

Nyssa abn.

Baptisia leucophara? in flower

Spanish oak -

Buffalo

Marquez

Cimicifuga - yellow fields of it

Nerica - trees loaded with it

Castles, abn.

Dragos R.

open country, big fields

Verbena 2

Gaura

Oenothera grandiflora?

Coal mine

Rockdale

dark

more open country

prairie

Taylor 9. 15

Austin 11. 30

April 10, Austin, Tex.

Althia

Juglans nigra + nigra

Prosopis juliflora

Juniperus virginiana

Bumelia

Quercus virginiana

Tillandsia usneoides, scarce

Podocarpus

Smilax

Rhus coriaria

Quercus, big

Opuntia engelmannii

Catalpa

Chamaecyparis

Eucalyptus macaranga

Tillandsia recurvata, abn.

Quercus nigra, abn.

" macrocarpa

Lupinus subcornuta

Callarosa pedata

Oenothera ^{speciosa} grandiflora

" 2 other little yellow ones

Gaura, 2

Sisyrinchium

Thalictrum graveolens

Neostictis

Ptilis tripartita

Diapens nux.

Rhus trilobis

Quercus texana

Alseodora rubra?

Yucca rupicola + angustifolia

Acacia ramiflora

Sophora secundiflora

Urginea

Mexican protea

Xanthoxylum

Argemone

Rhus trifoliata

Rhus lanceolata

Viburnum

Lonicera

Ilex decidua

" cassini

Psoralea

7. 10. 1880. Baryx, per
Penton, apple, per

Austin

April 10

<i>Ammodramus</i>	com.
<i>Chondestes</i>	"
<i>Zonotrichia</i>	3
<i>Progne subis</i>	com
<i>Phalaenoptilus</i> ?	
<i>Zenaidura</i>	"
<i>Catherpes</i>	com
<i>Mimus polyglottis</i>	abu
<i>Cardinalis</i>	com
<i>Scissor tail</i>	abu
<i>Falco sparverius</i>	1
<i>Cathartes</i>	com
<i>Cathartes</i>	"
<i>Parus bicolor</i>	
<i>Thryothorus carolinensis</i>	
<i>Troglodytes parkmani</i> ?	
<i>Cyanocitta</i>	com
<i>Chrysoclus</i>	1
<i>Ampelis cedrorum</i>	12, & 6
<i>Polioptila</i>	heard
<i>Colaptes</i>	heard

April 11

Left Austin 1.25 P.M.

Open prairie, good land,
Corns cotton
Brambley woods along creeks,
Elm, oaks, a few
mesquite & cactus
Doves & prairie birds.

Guadalupe River
Brownsville

More mesquite &
cactus, & chaparral,
& pines, all the
way to San Antonio
Masses of flowers.
Corns well up.
cotton just planted.

San Antonio 6 P.M.

April 12

San Antonio

— Flowerwacces —

Verbena

Cineo

Argemina

Thallisperma

Callarhoa

Oenothera big white

" lemon yellow

Lupinus subescens

Phlox

Phacelia

Left San Antonio 2:20 PM

Mesquite

Cactus

Liver oak

Spanish moss 2

Chaparral

Sandy soil

rather level

Kennedy 5 P.M.

Same kind of country

Beeville

Prairie + scrub oak

Skidmore — all prairie

San Antonio April 12

Zanier

Quiscalus major 2

Scissor tails com.

Mimus polyglottus abn.

Cardinalis "

Pyrruloxia? 1

Zonotrichia albicollis, heard

Deercocks aestiva "

Ampelis cedrorum com.

Zenaidura "

Progne

Corpus Christi, 8:20^{PM}

April 13 Corpus Christi

Brown Pelicans com
 Larus
 Shovelers 2
 Anisaeetus major, abn
 " aeneus "
 Night Hawks, heard.
 Mimus polyglottis
 Cardinalis
 Scissor tails com
 Sturnella heard
 Swifts a few

April 14 down at ranch
 14 mi. S. of Corpus Christi

Anisaeetus aeneus, com
 Mimus com
 Mimus - nests + eggs "
 Zenaidura nests + eggs
 Eumetis occidentalis 2
 Simphemia semipalmata 1
 Ardea herodias com.
 Falco sparverius 1
 Parabuteo 1
 Cathartes aura com.
 Chelidon "
 Tyrannus tyrannus 1
 Icterus spurius 1

Geococcyx (7) 1
 Colinus com

Cardinalis "
 Zonotrichia leucophrys "
 " alpestris "
 Melospiza lincolni "
 Poocetes 1
 Chordeiles abn
 Ammodramus persallidus
 " "
 Peuca cassinii
 Melanochorus leucostictus, abn.
 Polioptila heard

April 15

Night hawk 2
 Geococcyx 3
 Cathartes atrata, com.
 Batramia 7
 Icterus spurius 4
 Larus 2
 Peuca cassinii com.
 Thyothras bewicki 6
 Contopus virens? 1
 Vireo heard.
 Black necked stilt 1
 Forsters Tern 2
 Golden plover? 1

April 15

Molothrus	5
Sturnella	2
Amiscahus major	3
Aegialitis vocifera	4
Eurymis occidentalis	3
Pelecanus, white	19

April 16

Numenius longirostris	15
Cormorant	1
Stelgadopteryx	com.
Wilsoniana mitrata	1
Zoetulus clubris	1
Spizella arizonae	1

April 17

Greater Yellow legs	2
Swifts	com
Dendroica coronata	2
Spiza americana	1
Myiarchus cinerascens	1
Contopus virens	1
Ammodramus auduboni	
Progne subis	7

April 18

Aegialitis wilsoni	com
" nivalis	"
Arremonia interpres	4
Zonotrichia macroura	"
" flavipes	1
Otocoris	
Anthus	com.
Serinus?	1
Pyrocephalus rubinus	1 ♂
Empidonax	
Least Tern	2
Caspian Tern? (Watson)	
Royal Tern	"
Spiza americana	50
Merganser serrator	2
Spizus	heard
Polioptila	2
19	

Empidonax	1 killed
Chestnut sided warbler	1
Icterus bullocki	1 ♂
Certhia	1
Pandion	1

Corpus Christi Tex.

Condalia obovata
Lycium berlandiera
Castida meloborini
Condalia spatulata
Lippia ligustrini
Acacia farnesiana - Huizache
Prosopis juliflora
Opuntia engelmannii
" vulgaris?
" leptocaulis
Echinocactus texensis
Yucca treculana
(Flower Point)
Quercus virginiana, dwarf
" nigra
" "
Vaccinium
Laurel

(Watson's Ranch)

Rhamnus
Erythraea calycosa

Ehretia obtusifolia)
"Anagua" Mex.
Palmetto
Ailth

Mr. Watson & Prior
killed 1023 birds in 607
days last year, terns,
yellowlegs, avocets, killdeer

With Armstrong killed
816 birds in 5 days

Coyote, mad, kill 2 goats
2 puppies & chickens,
killed by bulldog.

April 24
Cooper's Thorist

West to Petrinello Creek ^{23m.}

^{April 25}
Kaibablinca

Ulmus crassifolia, big

Aceris virginiana

Fraxinus

Celtis

Prunus pennsylvanica

Parkia latifolia

Vespa americana

Grasshopper

Cicada

Argemone rosacea

Alcea rosea

Jatropha stimulosa

San Fernando Cr. lunch ^{10m.}

Santa Gertrudes Cr. at

Kings ranch

Camped at windmills
^{17m.}

April 24 Santa Rosa
South to Fort Ranch - 25

Perodipus semicinctus com.
Perognathus merriami "

Dendroica aestiva morenoi -

" ~~viridescens~~
Melanerpes carolinensis

April 27

Santa Rosa Ranch 8.

Zonotrichia subruficapilla

Meerodipus scolopaceus

Pyrrhuloxia

Bartramia

April 28 San Ignacio Ranch

Harporhynchus moriostris

Oryzobates s. bairdi

Parus bicolor 8

Amisecurus major, nesting

Minimus

Dendroica virens

"

Miniotilta varia

Pyrocephalus com.

Vireo solitarius, 1 shot

Zenaidura nesting

Molothrus

Spiza americana in flocks

Cameron Co April 28

Phlox drum-villosissima

Tatrapha stimulosa

Sisyrinchium angustifolium

Erythraea calycosa

" *texasensis*

Castilleja

Oenothera 6

Linum

Baptisia leucophaca

Linum rigidum

April 29

San Ignaceus to Sang Ranch
30 mi

Left sandy prairie & struck
mesquites & cactus 5 mi.
before Sang

Numerous ponds in
mesquite.

Quercus 1

Eupatorium

Spizella pallida

Hendrickia blackburniana

Petrochelidon

Chelidon

Dendroica pusillissima

Aegialitis juncoides

Pelicanus erythrorhynchos

Grothypis ludovicianae

Fulica

April 30

Saug Ranch

50 mi to Brownsville

Mesquite

Huisach

Parkinsonia aculeata

Opuntia engelmannii

" leptocaulis

Arenas caespitosus

Echinocactus texensis

Cordalea obtusifolia

Zizyphus

Lippia

Argemone platyceras

" rosae

Nicotiana

Yucca treculeana

Castela nelsonii

Eustoma muscicola

Guaiacum angustifolium

Asporhynchus curvirostris nest, 4

Melospiza leucoptera com.

Columbiginella

Zenaidura

com.

Xanthura luduosa

Icterus nelsoni

Cactus variis nest

Brownsville

Salix nigra

Populus

Fraxinus

Argemone mexicana

Cordia alliodora

Yucca

Palmer

Cordia

Camassia?

Maximowiczia lindheimeri

Parkinsonia florida

Castalia chagares

Lantana camara, orange

Agave americana

Solanum elaeagnifolium

Xanthoxylum plicata

Morinda chinensis

Ardisia papaya? apr.

Piroqua Camp April 30.

May 1 Piroqua Camp to

Cactus Camp.

May 2 Brownsville, 15 mi.

May 3 Brownsville
to

Tarranta Camp 12 mi.

May 4, Cactus camp, 3 mi.

lunch 10

edge of flat clay bottoms 5
or 2.5 mi. N. of Brownsville.

Perognathus carolinensis from B. 25 mi.

May 5 Camp 9:45 am

Geomys hills, first
or 2 1/2 mi. from Brownsville
Piroqua Camp

Rio Colorado 2 P.M. 10 mi.

Camped -

May 6 Camp at Rio Colorado
15 mi. S. of Song R.

S. mexicanus 1 seen
Song R. Noon.

Camp 5 mi. N. of Song
at edge of prairie, or
Lake side Camp

Cervodillo dens

Cactus coccineus

Sigmodon

Neotoma

sp. 4

Perognathus parvulus

May 7 Camp at Lake side

Geomys hills on edge
of prairie first time
5 mi. S. of Rio Colorado

Prairie plants exposed
Opuntia vulgaris

Quercus virginiana

Baptisia leucantha

Eriogonum ciliatum

Jatropha strobilata

Phlox

500

Hillenia sylvatica

Herbertia

Liriodendron

Verbena

Desmodium 4

Cassia procumbens

Galactia canescens

Desmodium serotinum

Liriodendron

Thalictrum

Calceolaria

Eschscholzia cavellii

Camp at Live oak Mott.

St. Ignace

Came 25 miles

May 8

Camp 8:40 AM

All day over sandy prairie to
live oak & mesquite strip at

Santa Rosa.

Santa Rosa. 30 mi.

May 9. Camp 8:40

Santa Rosa Ranch

Open prairie again, less sandy,
more flowers, no trees, few lakes

Flowing well

Camp 5 mi. S. of Kings. 20 mi.

Kings Ranch

San Fernando Cr.

Quercus the dominant flower

Peterson Cr. Camp

May 11

Camp. Peterson Cr. 9 AM

Monarda, dominant

then little *Antennaria*

P

May 15 Corpus

Monarda
Fendleria
Plantago 2

Centura rosea
" *pinnatifida*

Thistle

Opuntia engelmannii
" *missouriensis*

Mesquite, scattered. dwarf
edge of mesquite & prairie, 8 mi.
Solanum

Petalostemon

Lunch at Alacendusa cr.

Conocarpus

Coreopsis

Verbena 2

Convolvulus

Malvastrum; yellow

Solanum

pepper

May 14 Corpus Christi 7:20
across Mexico Bay

Portland

Coast chapparral - a few miles
live oak strip to
Schenck

Sandy prairie with
scattered live oak & mesquite
young huts, can.
a few creeks & more timber

Beeville

Kennedy

branch of San Antonio R.
Pecan trees

Yucca stricta

masses of tall Callarhoe

San Antonio

May 15

San Antonio - 8 9 AM

Live oak + pecan along streams

Mesquites + cactus + yuccas

higher country

sunflowers

Sunday

low escarpment + hills to the N.

were open + scrubby mesquite

Hondo

Lupines

Sapindus

S. Haines

Salinal - dinner

Cypripedium

open prairie

mesquite

Hills like lava hills

Walden

Walden, May 16

Prosopis

Oak

Ulmus crassifolia

Condalia

No. 7, Kan bush, a few

Opuntia engelmannii

" arborescens

" leptocaulis

" reticulata

Acacia

No. 20,

Zippia

Celtis

Liriodendron

Callarhoe

Verbena

Conocarpus

Croton

Cassia

Saururus

Laba

~~Stemodia~~

Grindelia

Delphinium

Rhus

Saxifraga

Thistle

Solanum

"
Zillardsia recurvata

Phorodendron

Argemone

Helianthus

Nyctaginia capitata

Dallalasia thera

Colubrina texensis, or *anthus*

Rhus microphylla

Mimosa berlandieri

Lonicera glauca - wide pool

Ephedra

Yucca trachycarpa ?

" *stricta* or *angustifolia*

~~*Yucca acuminata*~~

46. blue orobis like

17. *Philopais* like

Ceanothus americanus

May 17 *Waldy* & P. M.

Del Rio . 7

May 18 Del Rio 4:40

Rio Grande R. low cliffs

Devils R.

canyons & cliffs

out on plain, yuccas

El Rio May 18

Prosopis juliflora

Pastinacia texana

Acacia

Agave

Yucca

Roubinia

Celtis

Baccharis?

Cornus

Peonotus

Pecos High Bridge May 20

Aquilegia virginica

scrub *Crematophylla*

Attis

Salix nigra

Diospiros mexicana

Prosopis juliflora a few

Dalea formosa

Hoffmanseggia arvensis

Coleogyne? *Krameria canescens*

Agave heteracantha

Dasylium texanum

Yucca angustifolia

" *truncata*?

Leucaena retusa - long pod

Fouquieria splendens

Berberis trifoliata

Hesperaloe parviflora

Eysenhardtia macrocarpa

Ephedra

Cordalea

No. 7. *Amelanchier*?

No. 4. narrow leaf

Rhus microphylla

Dalea lasiandra

Acacia Schottii

Calliandra conferta

Mimosa borealis

Lycium verrucosum?

- *Colubrina texensis*
- 20. light green shrub
- *Ephedra nevadensis*
- No. 17. Chilopsis like shrub
- *Lippia laquestris*
- *Rosberlinia spirosa*
- *Mimosa berlandieri*?
- 72. " ?
- 74. ~~*Sophora secundiflora*~~ *pubescens*?
- 75. ~~*Sirea*~~ *Mozzinia spatulata*
- 76. Thorny shrub
- *Phytolacca*
- *Baccharis*
- *Juglans rupestris*
- *Cucurbita*
- *Xanthium*
- *Vitis*
- *Clematis*
- No. 6. leaf like *Celtis*
- Coyatillo - *Kerwiniskia*
- ~~*Colubrina texensis*~~
- *Cereus dubius*
- " *paucispinus*
- *Echinocactus longihauatus*
- *Mammifera picturata*
- " *strobiliformis*
- " *viripara*
- *Opuntia engelmannii*
- " *leptocaulis*
- *Fraxinus greggii*

add 200 to plants nos. for 1900.

Plant Catalogue

No. 201.

1800

Brownsville, Tex. May 4

No. 1. ~~*Maximowiczia*~~ ^{*Obervillea*} *lindheimeri*

2. *Helenium microcephalum*
like *Cammonia*

3. *Monarda citriodora*

4. *Forsteria angustifolia*

5. *Ilex*

6. *Celtis pallida*

7. *Porleria angustifolia*
"guayacan" - dense leaved

8. *Lycium carolinianum*

9. *Schaefferia cuneifolia*
2 insets.

10. Coyatillo *Kerwiniskia umbellata*

11. ~~*Cordata*~~ *Zizyphus obtusifolia*

12. *Casahuate* ~~*nicholsonii*~~

13. *Agave* ~~*variegata*~~

14. *Xanthoxylum pterota*

215

15. *Diapirus Texana*

16. *Castalia elegans*

17. *Leucophyllum Texanum*

18. *Parkinsonia florida*

19. *Parkinsonia aculeata*

20. *Condalia obovata*
light green bush

21. *Yerba ciliata* "probably"

Rio Colorado May 5

22. *Acacia roemeriana*

23. *Bernardia myricaeifolia*

24. *Acacia amentocera*

~~25~~ on Prairie N. of Sang R.

25. ~~Flourensia~~ ^{*Monstyla*} *caelestina*
10 mi. N. of Sang, May 7

26. *Zinnia ciliata* *baillyi*
San Ignacius Ranch, May 8

San Ignacius to Santa Rosa
Cameron Co., Tex., May 8.

227

27. ~~*Ficifolia*~~ *Psoralea rhombifolia*

28. *Galactia canescens*

29. *Galactia marginalis*

30. ~~*Marouzia*~~ *reueinata*

31. *Cassia procumbens*

32. ~~*Larrea*~~ *tetraphylla*

33. ~~*Neostitius*~~ *Gaillardia pulchella*

34. *Evolvulus sericeus*
blue

35. *Krameria secundiflora*
purple flower like *Daliphurum*

36. ~~*Grass*~~ ^{*Microlis*} *serrulata drummondii*

37. *Parosela aurea*
big fuzzy yellow spike

38. *Acahypha radians* -
(dioecious, red filaments)

39. ~~*Utricularia*~~ *Sphaeralcea lindheimeri*

40. *Indogophera leptosepala*

Add 200 to Nos

(241)

41. *Oenothera*

Merrillia serrulata drummondii

42. *Cracca* (*Tephrosia*) *lindheimeri*

43. *Gutierrezia*

~~below~~ Kings Ranch, Cameron Co. May 10

44. *Aphanostephus arkanensis*
white daisy

45. *Verbena encelioides*

a big *Helianthella* like flower

46. *Commelina crispa*?

blue, like Orchid

47. *Phlox drummondii*

Kings Ranch, Nueces Co. May 10

48. *Rudbeckia hirta*

49. *Lantana* ^{*hirsuta*} *aculeata*

50. ~~*Conoclinium*~~ ^{*was*} *Lepachys*

Latibida pulchella

51. *Cassia*

52. *Acacia*

53. *Mimosa*?

Corpus Christi Tex.

54. *Moranda citriodora*

55. *Coreopsis nuesensis*

56. *Antennaria Filago nivea*

56. *Grindelia microcephala*

57. ~~*Oenothera*~~ ^{*Hartwegia*} *speciosa*

" " *pinnatifida*

58. *Verbena ciliata* - "probably"

59. *Persea borbonica*

60. ^{*novella*} *Myrica cerifera*

61. ~~*Valeriana*~~ ^{*Botodendron*} *arborescens*

62. ~~*Mimosa*~~ ^{*Acacia*} *tortuosa*

63. *Acacia amentacea*

64. *Solanum triquetrum*

Native pepper

† Pecos High Bridge, May 21

65. *Mimosa borealis fragrans*

66. *Eysenhardtia amorphoides*

May 16 Peas high Bridge
2670
~~2670~~

67. *Calliandra conferta*

68. ~~Coleogyne~~ *Krameria* *canescens*

69. *Acacia Scottii* *constricta*

70. ~~Cassia~~ *Acanthaceae* *depressa*

71. ~~Daba~~ *Peosula* *prutescens*

72. *Acanthaceae* *velutina*

73. ~~Minasa~~ *vestlandii* ?

Leucaena pulverulenta

74. ~~Sophora~~ *pedunculiflora* ?

75. ~~Dicra~~ ?

Mozzina ~~spatulata~~ *ovatiflora*

76. *Bumelia texana*

77. *Croton Torreyanus*

3 ball bush

78. *Bernardia myricaeifolia*

79. *Juglans rupestris*

80. *Quercus undulata* *stylis*

(28)

81. *Baccharis bigelovi*

82. *Rhus viceus*

83. *Fraxinus greggii*

84. *Mammillaria pectinata* ?

85. *Mammillaria strobiliformis* ?

86. *Quercus*

2867 *Quercus bruneifera*

87. *Quercus*

live oak

88. *Quercus mexicana*

89. *Quercus undulata*

90. *Ribes*

91. *Ribes*

92. *Philadelphus*

93. *Cercocarpus*

294. *Rhus*

2944. *Quercus*

Alpine, Tex.

Cloudcroft

95. *Pachystima*

~~95.~~

96. *Acu grandidentatum*

296 B. *Pinus*

297 A. *Abies*

298 C. *Abies*.

Plant number for 1899
up to 110, I began with
1 in 1900, so add 200.

Begin in 1901 with
No. 320.

May 22. Pecos Bridge

5:30 P.M.

Langtry Supper

Junipers

Yuccas

open plain - dark

May 23. Alpine

out to Judg. Brockenbrough's

Quercus grisea

" emoryi

Juglans rupestris

Prosopis juliflora

Acacia

Condalia

a few

Arbutus texana

Croton

Liquidambar speciosa

Juniperus

Fallugia paradoxa

Ephedra nevadensis

Microseris ericoides

Yucca baccata

Agave texana

Dasylirion

Nolina

Opuntia engelmanni

" pink flower

" yellow flower

Opuntia

white spines

Opuntia arborescens

Mammillaria

Cereus

Ptelea angustifolia, a few

Glossopetalon spinosum

Berberis trifoliata

Rhus

leafy, 82.

Mimosa biuncifera

Argemone platycens

Asclepias

Larrea

Rhus aromatica

May 26 to Alpine

May 27 Sierra Blanca
Rio Grande Valley

Larrea

Prosopis

Ephedra

Chilopsis in flower

Yucca angustifolia

" baccata

Fouquieria

Opuntia arborescens

"

Atriplex several

Populus

Yolita, old Mission

El Paso.

May 28 El Paso, 10:30 am

J. Bliss

Larrea

Atriplex canescens

Prosopis

Microseris

Yucca angustifolia

Artemisia filifolia

Ephedra trifurcata

Grass

Local Junction 1 PM

Turquoise

Escobedo 2 P.M.

Dipodomys spectabilis

Thomomys

Dog Canyon 2:15 P.M.

Koeberlinia

Tallis magenta

Alamogordo 3

Fouquieria in flower

Yucca baccata small

Populus monilifera

- Up Canyon
- Juniperus*
 - Pinus edulis*
 - Prunus* 8200-9200
 - Pinus ponderosa* 8200-9100
 - Pseudotsuga* " "
 - Abies* 9000-
 - Pinus monticola* 8200-9200

- Cloud Croft
- Quercus* 8200-9200
 - " " "
 - Populus tremuloides* " "
 - Acer glabrum* " "
 - " *gracilidentatum* " "
 - Spiraea* " "
 - Sambucus* " "
 - Ribes* " "
 - Prunus* 8200- "
 - Pachystima* " "
 - Viola canadensis* 8200- "
 - Potentilla* " "
 - Fragaria speciosa* " "
 - Clematis* " "
 - Aquilegia* " "
 - Lilium* " "
 - Ribes cereum* " "

Clouderoft July 2, 8130

- Toboggan (8100) 8200
- Juniperus virginiana* 700- "
 - " *pachyphloea* " - "
 - Pinus edulis* " "
 - Cercocarpus* " "
 - Philadelphus* " "
 - Rhus aromatica* " "
 - Yucca elata* " "
 - Cornus* 5000 " "
 - Berberis* - 8000
 - Agave* at " "
 - Rosa* " "
 - Fallugia* 5300- "

Higwols (7000) 7100

- Watrous crossing (6600) 6700
- except of L. S. "
 - Koeberlinia* " "
 - Yucca glauca* var. " "
 - Opuntia* " "
 - Fraxinus greggii* " "
 - Prosopis* " "

- Pinus* *parvifolia* Lower Sonoran (6300) 6500
- Yucca* (6200) 6400
 - Yucca baccata* "
 - Oxytropis* "
 - Fouquieria* "

El Valle

(5600) 6000

Yucca

Yucca arborescens

Yucca arborescens

Yucca arborescens

Yucca arborescens

Yucca arborescens

Yucca arborescens

Yucca arborescens (5100) 5500

Yucca arborescens

Edgewood (4800) 5300

Alamogordo (4300) 4900

Farilla

4800

El Paso

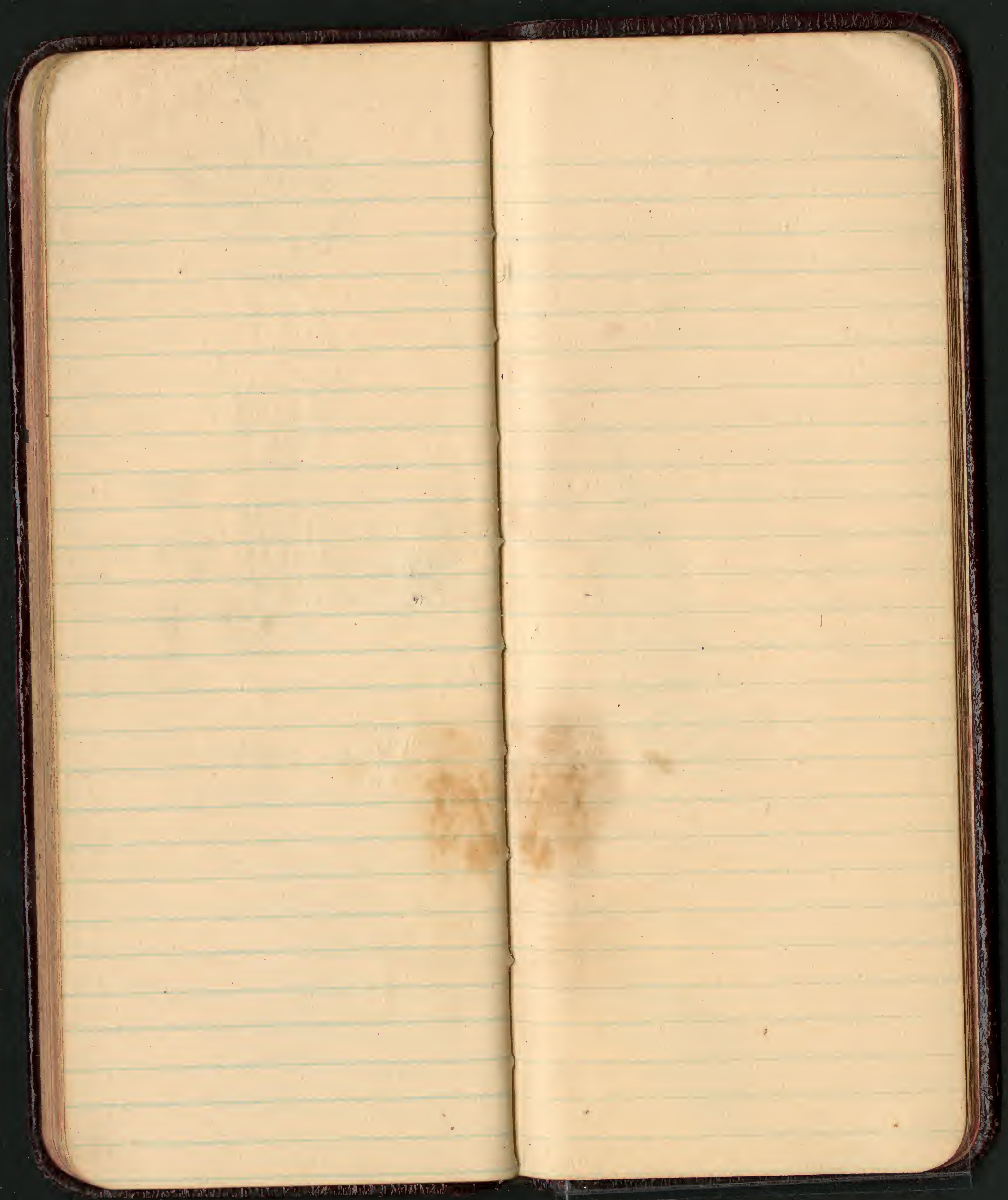
4300

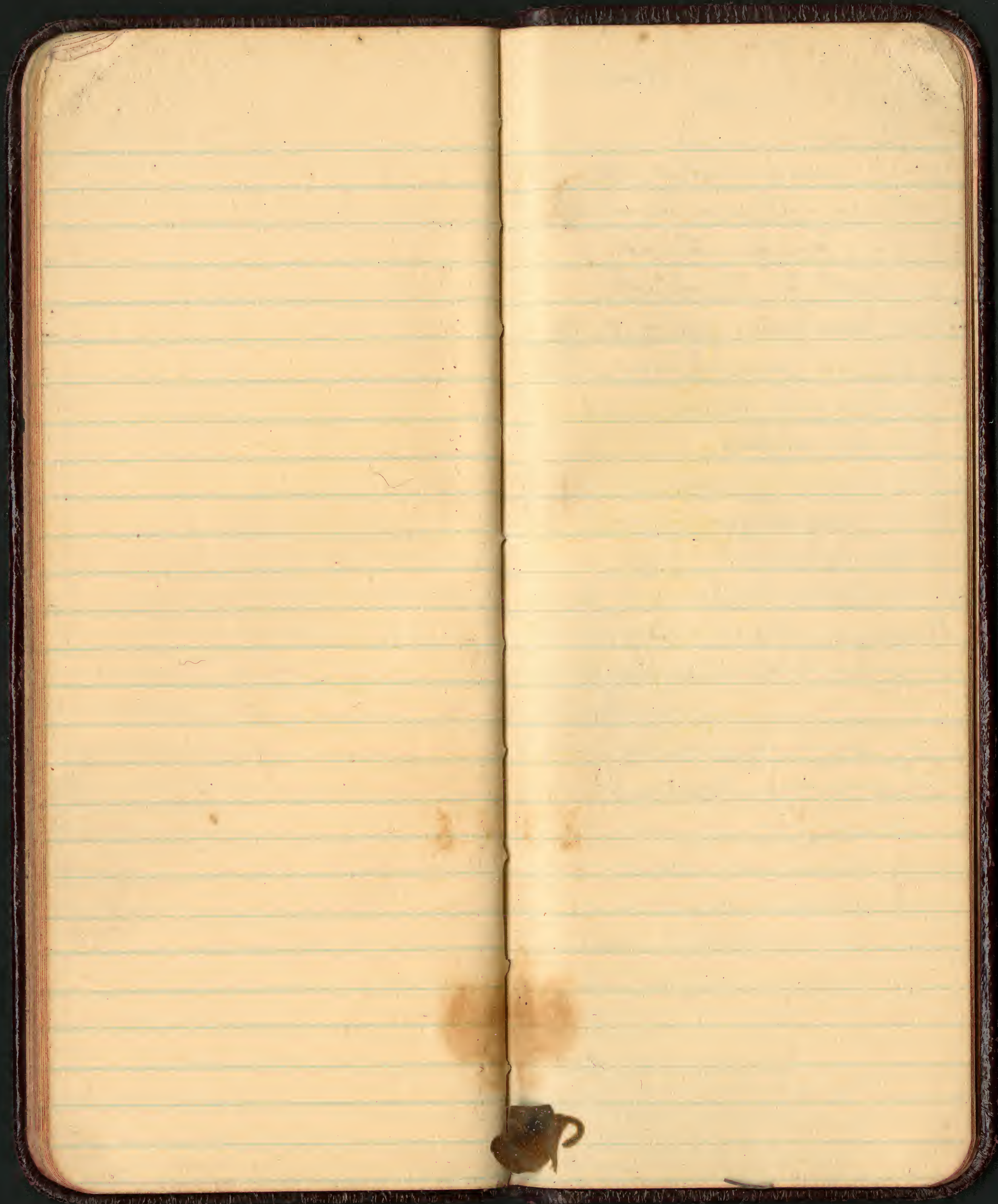
Correction - 600 ft at
Alamogordo.



Yucca elata

Yucca radiosa





Roll No 7

1. Ditch in Juarez May 27.

2. Bliss

4-10. Yuccas + distant mts.
between El Paso + Alamogordo.

11+12 - Sacramento mts.

Roll 8 Cloudcroft.

1-2. from train going up. May 28

3-6 from Senie Point, across
valley with playa, 2 of
timber slopes

7-9. spoiled by exposure

10-12. Pseudotsuga + poplars
near camp.

Roll No. 9

Redsquirrel cones & piles
+ forest trees at Cloudcroft May 31

Roll No. 10

Thompson's Cloudcroft

Roll No 4

1+2. Comstock, May 18.

Agave, yucca, yucca

3+4. Pecos Canyon

5. nest of Vireo alvinae

6. High bridge

7. Yucca

8. Agave + yucca

9. Yucca

10. Yucca - slope

11. Dasylirion

12. Agave + yucca slope

Roll 5 (old roll)

1-8 Sayornis nest. Alpine May 24.

9. Swallow nest

10-12. Judge Brockenbrow's house

+ mts. back of it.

Roll 6

1. Yucca + cliff

2-3. 22 from peak back of ranch

4. Rough peak back of ranch

5. Juniper, Yucca, Holm + pine

6. small Cedrus trees

7. Big Yucca

8. Yucca + yucca tree

9. Yucca in pit

10. Rock peak back of ranch

11. Highest peak we climbed

12. Sayornis on branch.

Roll no 1.

Cameron Co. St. Ignace Ranch, ^{April 28}
 Carpet of Phlox, live oak & prairie

No. 2 Nest of *Harpoxynchus cuculatus*
 in *Opuntia engelmanni*

South of Sang Ranch, April 30

3. Nest of *Heliodithis* in tall
Opuntia engelmanni

20 mi. from Brownsville, May 1

4. Nest of *H. cuculatus* in
 flowering *O. engelmanni*

May 1, 20 mi. N. of Brownsville

5. Nest of *H. cuculatus* in
 Yucca, 15 mi. S. of Brownsville

6 + 7. Marked in *Matamoros*
 May 2,

8. Trail from school in
 Matamoros, May 2

9. *Opuntia*, Yucca - brush
 15 mi. E. of Brownsville, May 4

10. *Cactus pumilus*, " "

11. *Parkinsonia florida* tree
 20 mi. N. of Brownsville

12. Yucca, one with nest
 of *Phalaena* or *Oris*, big one
 with 3 nests of *Thraupis*
 near Rio Colorado, May 5

Photos

1. Austin, Tex. April 10.

Lupinus subcornuta on campus

2. *Lupinus subcornuta*, in woods

3. *Lilindsia cuspata* on
Quercus nigra

5. Corpus Christi, April 16.

Peromyscus nest in bush

4. *Zenaidura* nest on
 mesquite stump - 1 egg, 1 yg.

1. *Rhithodontomys* nest in bush, 17th

2. Cardinal nest in waxy bush 17th

11. Mesquite tree & *Coreopsis*
 north of Corpus Christi: 22d

12. *Oenothera rosea* 2 var.
 on prairie 20 mi. W. of Corpus 24th

10. Moss on *Q. virginiana* on bank
 of Patanillo Creek 25th

9. Same as last close by.

7. Moss on live oaks, mesquite,
 Cactus & *Oenothera rosea*

5. Cameron Co. April 27

Party of *univaria* on prairie

6. Cameron Co. St. Ignace R. April 28
 big moss on live oak

5. Woodcock nest in Cactus
 with flowers, 6 feet
 May 5. Rio Colorado

No 6. Scissortail nest in bush.
Rio Colorado, May 6.

7. *Parkinsonia aculeata* tree in bloom.
Rio Colorado, May 6. broken

8. *Neotoma* nest in cactus, May 6.

14. Cactus mesquite orchard

6 mi. South of Sang Ranch

9. Mexican houses at Sang Ranch

10. Geomys hills on prairie

10 mi N. of Sang Ranch, May 7.

11. Caracara nest

8. Texas Star, May 8.

Armstrongs ranch

11. Dickcissels canyon

Santa Rosa, May 9.

12. Night Hawk, Kings Ranch, May 9

8.8 Pond + prairie clouds
near Kings Ranch. May 9.

5. Hueso at Windmills (7.)

Kings ranch May 10.

6. Oriole + scissortail nest in mesquite

8. Rudbeckias + Coneflowers + mesquite
near San Fernando Cr. May 10.

5. Moss on live oak at Pitsanillo Cr. May 11.

6. *Parkinsonia aculeata*, Pitsanillo Cr.

9. *Neotoma* nest of cactus with acacia +
Mesquite bushes in background.
Pitsanillo Cr. May 11.

Roll No. 2

1, 2, & 3, general views of
Mesquite + live oak country

looking N. from train west of
Del Haines, May 15

4. Cypress trees at Sabinal

5. Coneflowers + live oaks at Wadde^{May 15}

6. Live oak grove along creek, Wadde¹⁵

7. Cactus wren nest in *Opuntia leptocaulis*¹⁶

8. Cactus wren nest in a "

Lippia back of it, *Oenothera* (yellow)

in front. red fruit on cactus

9. *Opuntia engelmannii* + *leptocaulis*

among mesquite, *Lippia* + acacia

12. *O. engelmannii* between mesquite

bushes, persimmon in middle, oaks beyond

11. Argemone + big *Lippia* bush

10. Spoiled by double exposure

Roll 3

Del Rio, May 18.

1, 2, 3. Rio Grande.

4. Mexican ideal, 5. field of Johnsons

6. over pines in valley.

7, 8, 9. Big Springs. 10. acacia bush.

11. Sheep. 12. desert.

John M. Proctor
Corpus Christi

Car. to Missions, San Antonio

Houston & Navarro Sts.

W.A. Clark, Corpus Christi

O.S. Watson " "

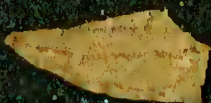
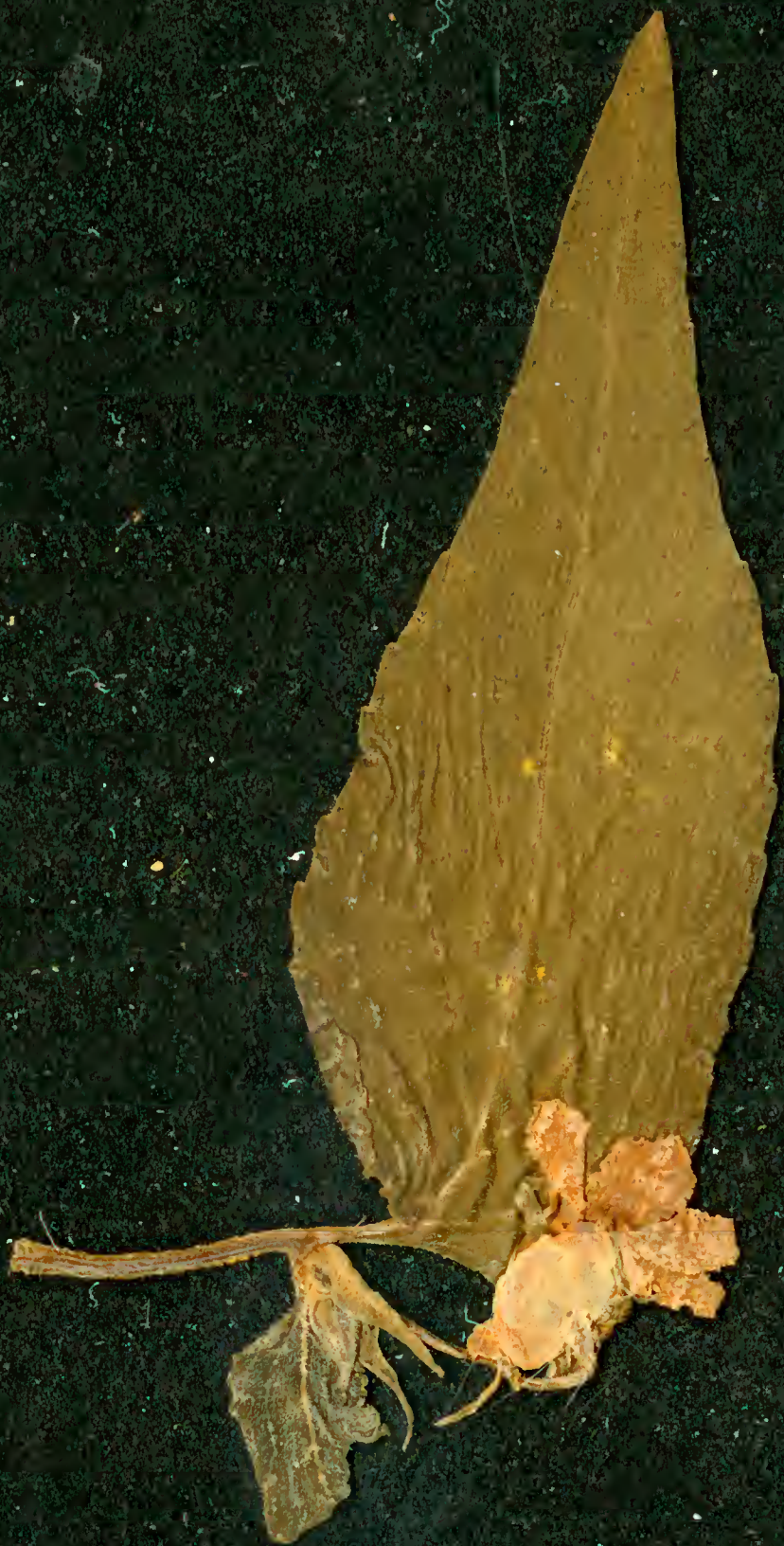
Capt. Smith, Brownsville

Sup. Nat. Cemetery.

Prof. Munson V. Morris

Corpus Christi





380 x 34 x 84, 3 Lps

340 x 35 x 77 8

450 x 175 x 50 3 Spilogale

630 x 305 x 65 8 Kupite

480 x 180 x 48 3 Spilogale

292 x 78 x 33 3 Spilogale

575 x 70 x 120 3 Spilogale

225 x 70 x 36 3

P.E. Dupont

240 x 170 x 185 3 Spilogale

Torquillo

Lepan Indians

Waggon

T.S. Prockenow

